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# **Alberta Oil Sands**

## **Annual Statistics**

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# **Alberta Oil Sands**

## **Annual Statistics**

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Energy Resources Conservation Board  
Annual Statistical Series ERCB ST 91-43

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Annual Statistics
- 28 Alberta Electric Industry  
Annual Statistics
- 29 Alberta Coal Industry  
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Note: Inquiries regarding this publication  
should be directed to the Board's  
Statistics Department at (403) 297-2537.



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## Standards of Measurements

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1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15 C.<sup>o</sup>
3. Liquid volume at 15 C.<sup>o</sup>

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## Notes

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- (A) Distillate production does not include heavy fuel oil.
- (B) Sulphur production includes flared/waste.
- (C) Synthetic crude oil production does not include diluent naphtha production, Suncor includes diesel production (SCO site fuel uses).
- (D) Other hydrocarbons production includes light slop material.





**Annual  
1990**

## Synthetic Crude Oil (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	79374.9	88972.9	91176.5	93526.8	83469.2
Production	273019.6	257113.2	313912.9	284815.8	178227.7
From Other	0.0	0.0	0.0	0.0	0.0
	352394.5	346086.1	405089.4	378342.6	261696.9
Closing Inventory	88972.9	91176.5	93526.8	83469.2	75596.3
	263421.6	254909.6	311562.6	294873.4	186100.6
Site Fuel/Use					
Metering Difference	4265.3	4437.7	4295.5	3392.4	4451.4
Deliveries	793.0	(175.8)	48.9	(16.6)	(2.1)
	258363.3	250647.7	307218.2	291497.6	181651.3
	263421.6	254909.6	311562.6	294873.4	186100.6

## Syncrude

Opening Inventory	24 205	32 690	26 159	34 073	44 483
Production (C)	314 364	325 867	818 374	874 394	875 519
	338 569	358 557	844 533	908 467	920 002
Closing Inventory	32 690	26 159	34 073	44 483	32 770
	305 879	332 398	810 460	863 984	887 232
Site Fuel/Use					
Metering Difference	5 339	3 664	6 397	6 009	8 759
Deliveries	(15)	12	(14)	(19)	21
	300 555	328 722	804 077	857 994	878 452
	305 879	332 398	810 460	863 984	887 232

June	July	August	September	October	November	December	1990
75596.3 (1204.4) 0.0	70842.6 194564.1 0.0	75356.2 292464.1 0.0	81249.5 290115.8 0.0	81610.1 317986.2 30.7	103797.5 325960.0 27.8	111746.3 316931.1 56.9	79 374.9 3 043 906.1 115.4
74391.9 70842.6	265406.7 75356.2	367820.3 81249.5	371365.3 81610.1	399627.0 103797.5	429785.3 111746.3	428734.3 125002.3	3 123 396.4 125 002.3
3549.3	190050.5	286570.8	289755.2	295829.5	318039.0	303732.0	2 998 394.1
2310.7 (0.1) 1238.7	4548.8 224.5 185277.2	3517.0 (183.0) 283236.8	5098.0 651.4 284005.8	3673.5 (22.0) 292178.0	3350.9 (22.3) 314710.4	3455.7 (131.2) 300407.5	46 796.9 1 164.7 2 950 432.5
3549.3	190050.5	286570.8	289755.2	295829.5	318039.0	303732.0	2 998 394.1
32 770 896 046	45 023 910 483	28 606 840 603	34 931 714 553	24 585 928 076	15 908 812 268	32 040 772 970	24 205 9 083 517
928 816 45 023	955 506 28 606	869 209 34 931	749 484 24 585	952 661 15 908	828 176 32 040	805 010 20 278	9 107 722 20 278
883 793	926 900	834 278	724 899	936 753	796 136	784 732	9 087 444
6 070 (22) 877 745	6 195 30 920 675	6 055 (11) 828 234	5 632 19 719 248	5 632 16 931 105	5 609 (29) 790 556	5 366 21 779 345	70 727 9 9 016 708
883 793	926 900	834 278	724 899	936 753	796 136	784 732	9 087 444

## Other Hydrocarbons (cubic metres)

	January	February	March	April	May
Suncor					
Diluent Naphtha					
Opening Inventory	45 323.0	44 024.7	37 964.7	36 913.0	37 199.7
Production	2 477.1	(3 241.4)	656.0	2 500.3	1 533.8
	<hr/>				
Closing Inventory	47 800.1	40 783.3	38 620.7	39 413.3	38 733.5
	44 024.7	37 964.7	36 913.0	37 199.7	35 289.3
	<hr/>				
	3 775.4	2 818.6	1 707.7	2 213.6	3 444.2
	<hr/>				
Flared/Waste	3 775.4	2 818.6	1 707.7	2 213.6	3 444.2
Metering Difference	0.0	0.0	0.0	0.0	0.0
	<hr/>				
	3 775.4	2 818.6	1 707.7	2 213.6	3 444.2
	<hr/>				

Syncrude  
Diluent Naphtha

Opening Inventory	57 483	77 494	69 994	79 012	65 527
Production (D)	22 753	(5 219)	13 065	(8 271)	11 922
	<hr/>				
Closing Inventory	80 236	72 275	83 059	70 741	77 449
	77 494	69 994	79 012	65 527	72 754
	<hr/>				
	2 742	2 281	4 047	5 214	4 695
	<hr/>				
Flared/Waste	2 742	2 282	4 046	5 214	4 695
Metering Difference	0	(1)	1	0	0
	<hr/>				
	2 742	2 281	4 047	5 214	4 695
	<hr/>				



June	July	August	September	October	November	December	1990
35 289.3 (1 263.8)	33 966.8 14 265.8	45 134.7 4 853.9	48 087.6 (1 402.3)	45 418.3 4 074.0	48 203.9 1 809.7	48 909.2 (1 048.7)	45 323.0 25 214.4
34 025.5 33 966.8	48 232.6 45 134.7	49 988.6 48 087.6	46 685.3 45 418.3	49 492.3 48 203.9	50 013.6 48 909.2	47 860.5 46 644.8	70 537.4 46 644.8
58.7	3 097.9	1 901.0	1 267.0	1 288.4	1 104.4	1 215.7	23 892.6
58.6 0.1	3 098.0 (0.1)	1 901.0 0.0	1 267.0 0.0	1 288.5 (0.1)	1 104.4 0.0	1 215.7 0.0	23 892.7 (0.1)
58.7	3 097.9	1 901.0	1 267.0	1 288.4	1 104.4	1 215.7	23 892.6
72 754 5 388	72 448 (1 448)	64 469 924	59 700 3 868	58 258 3 718	54 938 10 859	59 313 12 280	57 483 69 839
78 142 72 448	71 000 64 469	65 393 59 700	63 568 58 258	61 976 54 938	65 797 59 313	71 593 65 184	127 322 65 184
5 694	6 531	5 693	5 310	7 038	6 484	6 409	62 138
5 694 0	6 531 0	5 693 0	5 310 0	7 038 0	6 484 0	6 409 0	62 138 0
5 694	6 531	5 693	5 310	7 038	6 484	6 409	62 138



## Coke (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	2818449	2825937	2842890	2869942	2890857
Production	80984	74170	93493	89828	62763
	2899433	2900107	2936383	2959770	2953620
Closing Inventory	2825937	2842890	2869942	2890857	2909760
	73496	57217	66441	68913	43860
	73496	57217	66440	68913	43860
Site Fuel/Use	0	0	1	0	0
Metering Difference	73496	57217	66441	68913	43860

Note: \* Includes inventory adjustment from aerial survey.

## Syncrude

Opening Inventory	8433003	8487081	8536456	8644116	8762695
Production	54078	49375	107660	118579	121093
	8487081	8536456	8644116	8762695	8883788
Closing Inventory	8487081	8536456	8644116	8762695	8883788
	0	0	0	0	0

June	July	August	September	October	November	December	1990
2909760 1718	2888340 63733	2906707 78431	2946700 86021	2981059 94736	3012836 86382	3044973 90895	2 818 449 903 154
2911478 2888340	2952073 2906707	2985138 2946700	3032721 2981059	3075795 3012836	3099218 3044973	3135868 3051900	3 721 603 3 051 900
23138	45366	38438	51662	62959	54245	83968	669 703
23138 0	45366 0	38437 1	51662 0	62960 (1)	54245 0	68600 15368*	654 334 15 369
23138	45366	38438	51662	62959	54245	83968	669 703
8883788 118132	9001920 120561	9122481 118984	9241465 119498	9360963 124847	9485810 124906	9610716 127486	8 433 003 1 305 199
9001920 9001920	9122481 9122481	9241465 9241465	9360963 9360963	9485810 9485810	9610716 9610716	9738202 9738202	9 738 202 9 738 202
0	0	0	0	0	0	0	0

## Sulphur (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	145 177	141 722	139 036	136 696	135 125
Production (B)	10 757	9 901	12 493	11 289	7 732
	-----	-----	-----	-----	-----
Closing Inventory	155 934 141 722	151 623 139 036	151 529 136 696	147 985 135 125	142 857 133 322
	-----	-----	-----	-----	-----
	14 212	12 587	14 833	12 860	9 535
	=====	=====	=====	=====	=====
Flared/Waste	588	503	519	428	294
Metering Difference	0	(1)	0	1	0
Deliveries	13 624	12 085	14 314	12 431	9 241
	-----	-----	-----	-----	-----
	14 212	12 587	14 833	12 860	9 535
	=====	=====	=====	=====	=====

Note: \* Includes inventory adjustment from aerial survey.

## Syncrude

Opening Inventory	1 410	1 373	1 762	1 679	1 466
Production	15 083	14 385	34 168	37 114	36 626
	-----	-----	-----	-----	-----
Closing Inventory	16 493 1 373	15 758 1 762	35 930 1 679	38 793 1 466	38 092 4 866
	-----	-----	-----	-----	-----
	15 120	13 996	34 251	37 327	33 226
	=====	=====	=====	=====	=====
Deliveries	15 120	13 996	34 251	37 327	33 226
	-----	-----	-----	-----	-----
	15 120	13 996	34 251	37 327	33 226
	=====	=====	=====	=====	=====

June	July	August	September	October	November	December	1990
133 322 113	132 874 8 016	132 222 10 611	129 991 11 111	128 477 12 163	126 725 12 460	125 614 11 910	145 177 118 556
133 435 132 874	140 890 132 222	142 833 129 991	141 102 128 477	140 640 126 725	139 185 125 614	137 524 126 260	263 733 126 260
561	8 668	12 842	12 625	13 915	13 571	11 264	137 473
113 0 448	1 024 1 7 643	485 (1) 12 358	400 0 12 225	416 1 13 498	487 (1) 13 085	513 (1 461)* 12 212	5 770 (1 461) 133 164
561	8 668	12 842	12 625	13 915	13 571	11 264	137 473
4 866 36 944	6 217 37 751	6 721 34 416	7 063 29 277	7 999 38 780	8 129 34 436	8 240 33 584	1 410 382 564
41 810 6 217	43 968 6 721	41 137 7 063	36 340 7 999	46 779 8 129	42 565 8 240	41 824 9 276	383 974 9 276
35 593	37 247	34 074	28 341	38 650	34 325	32 548	374 698
35 593	37 247	34 074	28 341	38 650	34 325	32 548	374 698
35 593	37 247	34 074	28 341	38 650	34 325	32 548	374 698



## Bitumen (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	21578.9	33667.8	38604.5	33749.6	40413.7
Production	358759.3	312313.3	395371.1	391195.4	263731.8
From Syncrude	0.0	10126.1	0.0	0.0	0.0
From Other	0.0	0.0	0.0	0.0	0.0
	-----	-----	-----	-----	-----
Closing Inventory	380338.2	356107.2	433975.6	424945.0	304145.5
	33667.8	38604.5	33749.6	40413.7	35528.9
	-----	-----	-----	-----	-----
	346670.4	317502.7	400226.0	384531.3	268616.6
	=====	=====	=====	=====	=====
Further Processing	346670.4	317502.7	400226.0	384531.3	268616.5
Metering Difference	0.0	0.0	0.0	0.0	0.1
	-----	-----	-----	-----	-----
	346670.4	317502.7	400226.0	384531.3	268616.6
	=====	=====	=====	=====	=====
Syncrude					
Opening Inventory	230152	424752	430521	447041	420954
Production	722676	487156	972386	990667	931522
	-----	-----	-----	-----	-----
Closing Inventory	952828	911908	1402907	1437708	1352476
	424752	430521	447041	420954	325080
	-----	-----	-----	-----	-----
	528076	481387	955866	1016754	1027396
	=====	=====	=====	=====	=====
Further Processing	528076	471422	955705	1016754	1027396
Deliveries to Suncor	0	9965	161	0	0
	-----	-----	-----	-----	-----
	528076	481387	955866	1016754	1027396
	=====	=====	=====	=====	=====

Note: Bitumen production includes tertiary recovery from tailing ponds.



June	July	August	September	October	November	December	1990
35528.9	28171.8	37493.9	32909.7	46311.1	18964.5	38363.6	21 578.9
0.0	282147.5	331157.5	381626.7	378025.3	389041.8	369379.7	3 852 749.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	10 126.1
0.0	0.0	0.0	0.0	174.0	135.0	5152.1	5 461.1
35528.9	310319.3	368651.4	414536.4	424510.4	408141.3	412895.4	3 889 915.5
28171.8	37493.9	32909.7	46311.1	18964.5	38363.6	25029.0	25 029.0
7357.1	272825.4	335741.7	368225.3	405545.9	369777.7	387866.4	3 864 886.5
7357.1	272825.4	335741.6	368225.4	405545.8	369777.6	387865.9	3 864 885.7
0.0	0.0	0.1	(0.1)	0.1	0.1	0.5	0.8
7357.1	272825.4	335741.7	368225.3	405545.9	369777.7	387866.4	3 864 886.5
325080	305680	209913	254397	358249	326702	354000	230 152
984044	940816	1015288	1032788	981480	1043776	940114	11 042 713
1309124	1246496	1225201	1287185	1339729	1370478	1294114	11 272 865
305680	209913	254397	358249	326702	354000	240935	240 935
1003444	1036583	970804	928936	1013027	1016478	1053179	11 031 930
1003444	1036583	970804	928936	1013027	1016478	1053179	11 021 804
0	0	0	0	0	0	0	10 126
1003444	1036583	970804	928936	1013027	1016478	1053179	11 031 930

## Distillate (cubic meters)

	January	February	March	April	May
Suncor					
Opening Inventory	5311.7	6698.2	6484.0	8561.6	24039.9
Production (A)	291357.7	269316.1	329094.5	319786.8	225601.7
	<hr/>				
Closing Inventory	296669.4	276014.3	335578.5	328348.4	249641.6
	6698.2	6484.0	8561.6	24039.9	55237.4
	<hr/>				
	289971.2	269530.3	327016.9	304308.5	194404.2
	<hr/>				
Further Processing	289607.4	269530.6	327032.5	304269.7	194403.8
Site Fuel/Use	561.3	0.0	0.0	0.0	0.0
Flared/Waste	0.0	0.0	0.0	39.7	0.0
Metering Difference	(197.5)	(0.3)	(15.6)	(0.9)	0.4
Deliveries to IPPL	0.0	0.0	0.0	0.0	0.0
	<hr/>				
	289971.2	269530.3	327016.9	304308.5	194404.2
	<hr/>				

## Syncrude

Opening Inventory	132 129	242 248	258 998	234 937	233 141
Production	440 548	385 425	799 939	855 422	857 459
	<hr/>				
Closing Inventory	572 677	627 673 1	058 937 1	090 359 1	090 600
	242 248	258 998	234 937	233 141	212 338
	<hr/>				
	330 429	368 675	824 000	857 218	878 262
	<hr/>				
Further Processing	320 928	312 971	805 422	855 470	861 157
Metering Difference	9 501	4 734	18 578	1 748	17 105
Deliveries to IPPL	0	50 970	0	0	0
	<hr/>				
	330 429	368 675	824 000	857 218	878 262
	<hr/>				

June	July	August	September	October	November	December	1990
55237.4 1692.3	52632.2 226898.6	55123.8 293844.8	34304.0 320336.9	32816.9 346226.6	39953.8 311816.1	11819.2 337992.1	5 311.7 3 273 964.2
56929.7 52632.2	279530.8 55123.8	348968.6 34304.0	354640.9 32816.9	379043.5 39953.8	351769.9 11819.2	349811.3 13688.7	3 279 275.9 13 688.7
4297.5	224407.0	314664.6	321824.0	339089.7	339950.7	336122.6	3 265 587.2
0.0 4232.4 0.0 65.1 0.0	207251.7 3487.1 0.0 (155.9) 13824.1	314574.6 0.0 0.0 90.0 0.0	306268.5 0.0 0.0 (279.8) 15835.3	337995.7 1093.1 0.0 0.9 0.0	338700.0 1250.3 0.0 0.4 0.0	336360.5 0.0 0.0 (237.9) 0.0	3 225 995.0 10 624.2 39.7 (731.1) 29 659.4
4297.5	224407.0	314664.6	321824.0	339089.7	339950.7	336122.6	3 265 587.2
212 338 832 827	153 266 866 980	120 321 800 811	88 521 766 667	144 796 832 387	55 306 832 362	72 231 861 376	132 129 9 132 203
1 045 165 153 266	1 020 246 120 321	921 132 88 521	855 188 144 796	977 183 55 306	887 668 72 231	933 607 156 143	9 264 332 156 143
891 899	899 925	832 611	710 392	921 877	815 437	777 464	9 108 189
876 864 15 035 0	894 196 5 729 0	824 666 7 945 0	708 818 1 574 0	912 551 9 326 0	804 298 11 139 0	762 345 15 119 0	8 939 686 117 533 50 970
891 899	899 925	832 611	710 392	921 877	815 437	777 464	9 108 189



**Historical  
1967 - 1990**



## Oil Sands Mining and Processing

	1967-1981	1982	1983	1984
<b>Suncor</b>				
Mined (Tonnes)	410 195 664	27 103 001	36 028 538	36 428 035
(Grade)	-	12.38	11.93	11.46
<hr/>				
Processed (Tonnes)	410 195 664	27 103 001	36 028 538	36 428 035
(Grade)	-	12.38	11.93	11.46
<hr/>				
<b>Syncrude</b>				
Mined (Tonnes)	197 024 878	66 864 114	87 541 372	63 681 284
(Grade)	-	10.87	10.73	11.05
<hr/>				
Processed (Tonnes)	198 085 768	67 798 644	86 204 585	63 513 028
(Grade)	-	10.91	10.73	11.04
<hr/>				

1985

1986

1987

1988

1989

1990

30 030 918  
12.0239 410 278  
12.3032 748 835  
11.8738 286 734  
11.6239 980 603  
12.0235 531 087  
11.9730 030 776  
12.0239 410 278  
12.3032 748 805  
11.8738 286 734  
11.6239 980 603  
12.0235 527 560  
11.9796 050 486  
10.8397 343 534  
10.71103 843 559  
10.57110 228 489  
10.54110 355 250  
10.44116 230 884  
10.4097 349 963  
10.8597 426 709  
10.72104 674 905  
10.59110 139 733  
10.54108 796 928  
10.46118 278 033  
10.38

## Synthetic Crude Oil (cubic metres)

	1967-1981	1982	1983	1984
<b>Suncor</b>				
Opening Inventory	0.0	81 309.2	60 130.2	66 340.5
Production	32 762 999.2	1 011 030.6	2 320 005.2	2 821 583.9
From Other	0.0	0.0	0.0	0.0
	32 762 999.2	1 092 339.8	2 380 135.4	2 887 924.4
Closing Inventory	81 309.2	60 130.2	66 340.5	77 828.4
	32 681 690.0	1 032 209.6	2 313 794.9	2 810 096.0
=====				
Site Fuel/Use	375 438.4	15 012.4	43 736.1	44 200.7
Flared/Waste	3 241.6	184.5	0.0	89.6
Metering Difference	64 526.5	(3 725.1)	2 845.3	9 409.3
Deliveries	32 238 483.5	1 020 737.8	2 267 213.5	2 756 396.4
	32 681 690.0	1 032 209.6	2 313 794.9	2 810 096.0
=====				

## Syncrude

Opening Inventory	0.0	26 641	24 929	20 411
Production (C)	12 905 671.4	4 988 712	6 319 372	4 960 704
	12 905 671.4	5 015 353	6 344 301	4 981 115
Closing Inventory	26 641.0	24 929	20 411	21 029
	12 879 030.4	4 990 424	6 323 890	4 960 086
=====				
Site Fuel/Use	0	0	0	0
Flared/Waste	21 283.8	0	0	0
Metering Difference	(7 482.6)	(3)	(1)	0
Deliveries	12 865 229.2	4 990 427	6 323 891	4 960 086
	12 879 030.4	4 990 424	6 323 890	4 960 086
=====				

1985	1986	1987	1988	1989	1990
77 828.4 2 175 029.4 0.0	87 886.4 3 271 435.0 0.0	80 692.9 2 503 449.7 0.0	44 125.9 2 971 639.0 0.0	84 125.5 3 343 614.5 0.0	79 374.9 3 043 906.1 115.4
2 252 857.8 87 886.4	3 359 321.4 80 692.9	2 584 142.6 44 125.9	3 015 764.9 84 125.5	3 427 740.0 79 374.9	3 123 396.4 125 002.3
2 164 971.4	3 278 628.5	2 540 016.7	2 931 639.4	3 348 365.1	2 998 394.1
44 410.3 78.7 374.6 2 120 107.8	31 232.7 0.0 (211.9) 3 247 607.7	28 685.6 0.0 3 492.0 2 507 839.1	40 439.3 0.0 (96.5) 2 891 296.6	41 717.6 0.0 2 625.3 3 304 022.2	46 796.9 0.0 1 164.7 2 950 432.5
2 164 971.4	3 278 628.5	2 540 016.7	2 931 639.4	3 348 365.1	2 998 394.1
21 029 7 394 245	16 035 7 487 380	18 975 7 917 836	16 735 8 718 705	25 125 8 630 797	24 205 9 083 517
7 415 274 16 035	7 503 415 18 975	7 936 811 16 735	8 735 440 25 125	8 655 922 24 205	9 107 722 20 278
7 399 239	7 484 440	7 920 076	8 710 315	8 631 717	9 087 444
0 0 12 7 399 227	0 0 (5) 7 484 445	0 0 3 7 920 073	34 564 0 (15) 8 675 766	48 964 0 2 8 582 751	70 727 0 9 9 016 708
7 399 239	7 484 440	7 920 076	8 710 315	8 631 717	9 087 444

## Other Hydrocarbons (cubic metres)

	1967-1981	1982	1983	1984
Suncor				
Heavy Fuel Oil and Diluent Naphtha				
Opening Inventory	0.0	3 458.4	3 239.7	1 659.5
Production	385 077.8	105 329.1	47 881.3	12 944.1
	385 077.8	108 787.5	51 121.0	14 603.6
Closing Inventory	3 458.4	3 239.7	1 659.5	2 104.4
	381 619.4	105 547.8	49 461.5	12 499.2
Site Fuel/Use	387 131.1	105 547.7	49 461.6	12 499.2
Flared/Waste	6 024.2	0.0	0.0	0.0
Metering Difference	(11 535.9)	0.1	(0.1)	0.0
	381 619.4	105 547.8	49 461.5	12 499.2

Syncrude  
Diluent Naphtha

Opening Inventory	68 232.4	35 159	52 127*	58 986
Production (D)	553 569.8	370 665	189 353	144 855
	621 802.2	405 824	241 480	203 841
Closing Inventory	35 159.0	50 900*	58 986	59 730
	586 643.2	354 924	182 494	144 111
Further Processing	227 382.7	237 938	71 260	62 316
Site Fuel/Use	19 234.0	0	0	0
Flared/Waste	318 548.0	116 986	111 234	81 794
Metering Difference	(1.5)	0	0	1
Deliveries	21 480.0	0	0	0
	586 643.2	354 924	182 494	144 111

Note: \* Inventories differ due to the change in method of reporting.



1985	1986	1987	1988	1989	1990
2 104.4 21 284.5	1 964.9 26 385.8	1 946.8 10 618.3	1 648.9 9 586.8	48 123.3* 51 409.2	45 323.0 25 214.4
23 388.9 1 964.9	28 350.7 1 946.8	12 565.1 1 648.9	11 235.7 1 990.0*	99 532.5 45 323.0	70 537.4 46 644.8
21 424.0	26 403.9	10 916.2	9 245.7	54 209.5	23 892.6
21 424.1 0.0 (0.1)	26 403.8 0.0 0.1	10 916.1 0.0 0.1	13 049.8 0.0 (3 804.1)	0.0 54 209.5 0.0	0.0 23 892.7 (0.1)
21 424.0	26 403.9	10 916.2	9 245.7	54 209.5	23 892.6
59 730 83 870	60 295 68 591	54 371 71 022	58 712 70 089	66 761 53 820	57 483 69 839
143 600 60 295	128 886 54 371	125 393 58 712	128 801 66 761	120 581 57 483	127 322 65 184
83 305	74 515	66 681	62 040	63 098	62 138
0 0 81 508 1 797 0	0 0 73 075 1 440 0	0 0 66 561 120 0	0 0 61 645 395 0	0 0 63 099 (1) 0	0 0 62 138 0 0
83 305	74 515	66 681	62 040	63 098	62 138

## Coke (tonnes)

	1967-1981	1982	1983	1984
Suncor				
Opening Inventory	0	1 056 657	1 251 600	1 490 215
Production	9 384 283	685 703	873 751	850 774
	9 384 283	1 742 360	2 125 351	2 340 989
Closing Inventory	1 056 657	1 251 600	1 490 215	1 617 353
	8 327 626	490 760	635 136	723 636
Site Fuel/Use	9 049 118	464 898	694 869	619 205
Flared/Waste	53 175	0	0	0
Metering Difference	(984 873)	7 005	(59 733)	103 617
Deliveries	210 206	18 857	0	814
	8 327 626	490 760	635 136	723 636

## Syncrude

Opening Inventory	2 572	1 736 714	2 391 427	3 163 362
Production	1 735 973	654 713	771 935	595 613
	1 738 545	2 391 427	3 163 362	3 758 975
Closing Inventory	1 736 714	2 391 427	3 163 362	3 758 975
	1 831	0	0	0
Site Fuel/Use	4 780	0	0	0
Metering Difference	(3 010)	0	0	0
Deliveries	61	0	0	0
	1 831	0	0	0

1985	1986	1987	1988	1989	1990
1 617 353 749 995	1 769 340 995 682	2 091 957 806 824	2 261 336 930 479	2 497 965 1 028 237	2 818 449 903 154
2 367 348 1 769 340	2 765 022 2 091 957	2 898 781 2 261 336	3 191 815 2 497 965	3 526 202 2 818 449	3 721 603 3 051 900
598 008	673 065	637 445	693 850	707 753	669 703
642 828 0 (48 666) 3 846	636 730 0 30 585 5 750	631 893 0 (2) 5 554	705 381 0 (18 412) 6 881	698 849 0 8 904 0	654 335 0 15 368 0
598 008	673 065	637 445	693 850	707 753	669 703
3 758 975 890 202	4 649 177 909 938	5 559 115 945 041	6 504 156 1 025 087	7 529 243 903 760	8 433 003 1 305 199
4 649 177 4 649 177	5 559 115 5 559 115	6 504 156 6 504 156	7 529 243 7 529 243	8 433 003 8 433 003	9 738 202 9 738 202
0	0	0	0	0	0
0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
0	0	0	0	0	0

## Sulphur (tonnes)

	1967-1981	1982	1983	1984
Suncor				
Opening Inventory	0	479 358	562 367	520 948
Production (B)	1 113 505	57 073	95 337	107 821
	1 113 505	536 431	657 704	628 769
Closing Inventory	479 358	562 367	520 948	341 224
	634 147	(25 936)	136 756	287 545
Site Fuel/Use				
	1 355	0	0	0
Flared/Waste	61 612	12 170	34 939	108 115
Metering Difference	61 852	(218 355)	14 062	(5 093)
Deliveries	509 328	180 249	87 755	184 523
To Syncrude	0	0	0	0
	634 147	(25 936)	136 756	287 545

## Syncrude

Opening Inventory	0	97 790	98 941	98 989
Production	503 348	201 001	246 983	198 097
From Suncor	0	0	0	0
	503 348	298 791	345 924	297 086
Closing Inventory	97 790	98 941	98 989	91 718
	405 558	199 850	246 935	205 368
Flared/Waste				
	(411)	0	0	0
Metering Difference	(14 031)	1 062	0	4
Deliveries	420 000	198 788	246 935	205 364
	405 558	199 850	246 935	205 368



1985	1986	1987	1988	1989	1990
341 224 87 977	244 725 123 483	184 528 99 228	185 794 116 440	159 200 130 545	145 177 118 556
429 201 244 725	368 208 184 528	283 756 185 794	302 234 159 200	289 745 145 177	263 733 126 260
184 476	183 680	97 962	143 034	144 568	137 473
0 11 507 6 094 166 875 0	0 9 998 (112) 173 794 0	0 6 164 0 90 679 1 119	0 8 647 24 348 110 039 0	0 9 021 (19 096) 154 643 0	0 5 770 (1 461) 133 164 0
184 476	183 680	97 962	143 034	144 568	137 473
91 718 304 017 0	58 823 310 702 0	39 409 326 783 1 119	1 796 368 401 0	1 545 360 300 0	1 410 382 564 0
395 735 58 823	369 525 39 409	367 311 1 796	370 197 1 545	361 845 1 410	383 974 9 276
336 912	330 116	365 515	368 652	360 435	374 698
0 1 336 911	0 1 330 115	12 30 465 335 038	0 13 368 639	0 0 360 435	0 0 374 698
336 912	330 116	365 515	368 652	360 435	374 698



## Syncrude

Note: \* Inventories differ due to the change in method of reporting.

1985	1986	1987	1988	1989	1990
15 693.0	22 631.3	49 245.6	44 237.0	32 386.7	21 578.9
3 140 905.2	4 158 787.7	3 394 991.3	3 903 379.8	4 389 179.0	3 852 749.4
76 572.6	64 689.0	47 258.0	76 523.2	0.0	10 126.1
0.0	0.0	0.0	0.0	0.0	5 461.1
3 233 170.8	4 246 108.0	3 491 494.9	4 024 140.0	4 421 565.7	3 889 915.5
22 631.3	49 245.6	44 237.0	32 386.7	21 578.9	25 029.0
3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3	4 399 986.8	3 864 886.5
3 210 539.5	4 196 841.9	3 451 933.6	3 984 533.2	4 399 986.8	3 864 885.7
0.0	0.0	0.0	7 219.8	0.0	0.0
0.0	0.0	(4 675.7)	0.3	0.0	0.8
0.0	20.5	0.0	0.0	0.0	0.0
3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3	4 399 986.8	3 864 886.5
426 520	447 531	341 747	513 509	233 159	230 152
9 289 128	9 328 971	10 014 284	10 559 758	10 318 810	11 042 713
9 715 648	9 776 502	10 356 031	11 073 267	10 551 969	11 272 865
447 531	341 747	513 509	233 159	230 152	240 935
9 268 117	9 434 755	9 842 522	10 840 108	10 321 817	11 031 930
9 187 890	9 370 066	9 795 262	10 763 860	10 316 740	11 021 804
0	0	0	0	0	0
0	0	0	0	0	0
1 498	0	2	(392)	3 974	0
76 579	64 689	47 258	76 640	0	10 126
2 150	0	0	0	1 103	0
9 268 117	9 434 755	9 842 522	10 840 108	10 321 817	11 031 930

## Distillate (cubic metres)

	1967-1981	1982	1983	1984
<b>Suncor</b>				
Opening Inventory	33 143.9	11 319.5	25 316.7	20 768.9
Production (A)	34 603 313.0	2 121 962.2	2 883 138.6	2 912 713.4
Receipts	4 340.4	0.0	0.0	0.0
<hr/>				
Closing Inventory	34 640 797.3	2 133 281.7	2 908 455.3	2 933 482.3
	11 319.5	25 316.7	20 768.9	3 717.4
<hr/>				
	34 629 477.8	2 107 965.0	2 887 686.4	2 929 764.9
<hr/>				
Further Processing	34 051 683.2	1 113 111.5	2 382 371.3	2 912 992.8
Site Fuel/Use	100 942.2	1 060.7	0.0	8 548.1
Flared/Waste	104 714.3	7 844.2	1 337.8	9 511.7
Metering Difference	16 257.5	12 066.4	873.6	(1 287.7)
Deliveries	355 880.6	973 882.2	503 103.7	0.0
<hr/>				
	34 629 477.8	2 107 965.0	2 887 686.4	2 929 764.9
<hr/>				
<b>Syncrude</b>				
Opening Inventory	120 310.8	85 749	165 072	47 015
Production	13 882 040.8	5 225 483	6 355 203	4 962 444
<hr/>				
Closing Inventory	14 002 351.6	5 311 232	6 520 275	5 009 459
	85 749.0	165 072	47 015	56 503
<hr/>				
	13 916 602.6*	5 146 160	6 473 260	4 952 956
<hr/>				
Further Processing	13 617 811.1	5 463 736	6 374 846	5 001 871
Site Fuel/Use	7 358.0	(12 710)	0	0
Flared/Waste	0.0	0	5 640	8 851
Diluent Carryover/Rerun	190 673.3	(304 866)	(66 763)	(57 765)
Metering Difference	0.4	0	(2)	(1)
Deliveries	0.0	0	159 539	0
<hr/>				
	13 815 842.8*	5 146 160	6 473 260	4 952 956
<hr/>				

Note: \* Totals do not balance due to the change in method of reporting.



1985	1986	1987	1988	1989	1990
3 717.4 2 624 167.8 0.0	6 308.6 3 446 396.8 0.0	3 042.3 2 805 057.1 0.0	61 134.1 3 111 532.0 0.0	4 386.4 3 616 598.9 0.0	5 311.7 3 273 964.2 0.0
2 627 885.2 6 308.6	3 452 705.4 3 042.3	2 808 099.4 61 134.1	3 172 666.1 4 386.4	3 620 985.3 5 311.7	3 279 275.9 13 688.7
2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7	3 615 673.6	3 265 587.2
2 378 346.3 6 457.1 13 226.5 2 971.6 220 575.1	3 440 949.1 6 259.1 994.9 444.3 1 015.7	2 650 786.2 2 655.7 2 635.4 3 433.8 87 454.2	3 119 922.2 10 915.7 7 964.4 2 240.7 27 236.7	3 573 098.7 13 479.0 9 505.2 2 325.0 17 265.7	3 225 995.0 10 624.2 39.7 (731.1) 29 659.4
2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7	3 615 673.6	3 265 587.2
56 503 7 348 876	42 751 7 439 630	75 219 7 802 133	49 632 8 708 573	121 244 8 583 000	132 129 9 132 203
7 405 379 42 751	7 482 381 75 219	7 877 352 49 632	8 758 205 121 244	8 704 244 132 129	9 264 332 156 143
7 362 628	7 407 162	7 827 720	8 636 961	8 572 115	9 108 189
7 347 556 0 11 046 4 026 0 0	7 400 106 0 1 090 4 650 1 316 0	7 821 229 0 0 0 6 491 0	8 607 031 0 0 0 29 930 0	8 439 261 0 0 0 132 854 0	8 939 686 0 0 0 117 533 50 970
7 362 628	7 407 162	7 827 720	8 636 961	8 572 115	9 108 189







